

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) A service entrance, comprising:
a post section adapted to receive an electrical supply wire having a supply power wire and a supply neutral wire, the post section having a first opening and a second opening, and a first terminal disposed proximate the first opening;
a service section disposed at the post section, the service section having a third opening and a fourth opening, wherein the third opening is juxtaposed the first opening and the fourth opening is juxtaposed the second opening, the service section further having a second terminal disposed proximate the third opening; and
a neutral bus having a first end at the post section, a second end at the service section, and disposed passing through the second and fourth openings, the first end of the neutral bus being adapted to electrically connect with the supply neutral wire;
wherein the first and third openings are receptive of a jumper power conductor for providing electrical communication between the first and second terminals.
2. (original) The service entrance of Claim 1, wherein:
the first and second openings are disposed at a back surface of the post section;
the third and fourth openings are disposed at a back surface of the service section;
and
the service section is disposed in a back-to-back rain-tight fashion with respect to the post section.

3. (original) The service entrance of Claim 1, wherein:
the second and fourth openings are disposed below the first and third openings.
4. (currently amended) The service entrance of Claim 1, ~~further comprising~~
wherein:
the first terminal comprises a terminal block disposed at the post section
proximate the first opening; and
the second terminal comprises a power connector disposed at the service section
proximate the third opening; and
wherein the terminal block is adapted to electrically connect with the supply
power wire at one side and to electrically connect with an end of a the jumper power wire
conductor at another side, and the power connector is adapted to electrically connect with
an opposite end of the jumper power wire conductor;
wherein the first and third openings are receptive of the jumper power wire.
5. (original) The service entrance of Claim 4, wherein the terminal block is
absent an electrical connection with the supply neutral wire, and the first and third
openings are absent a jumper neutral wire.
6. (original) The service entrance of Claim 4, further comprising:
a first receptacle for an electric meter disposed at the service section, the first
receptacle adapted for receiving power from the power connector;
a second receptacle for a load circuit disconnect disposed at the service section,
the second receptacle adapted for receiving power from the first receptacle; and
a service neutral connector electrically connected with the neutral bus.

7. (original) The service entrance of Claim 6, further comprising:
a main circuit disconnect disposed at the service section and electrically connected between the first receptacle and the second receptacle.

8. (original) The service entrance of Claim 6, wherein the service neutral connector is disposed below the second receptacle.

9. (original) The service entrance of Claim 8, wherein:
the first and second openings are disposed at a back surface of the post section;
the third and fourth openings are disposed at a back surface of the service section;
and
the service section is disposed in a back-to-back rain-tight fashion with respect to the post section.

10. (original) The service entrance of Claim 1, further comprising:
a service neutral connector electrically connected with the second end of the neutral bus;
wherein the service neutral connector is adapted to electrically connect with a return neutral wire from a load branch circuit; and
wherein the neutral bus provides a direct electrical connection between the return neutral wire from the load branch circuit and the supply neutral wire.

11. (currently amended) A service entrance, comprising:
a first housing and a second housing proximate thereto, the first and second housings having first and second openings disposed therebetween, the first housing having a first terminal disposed proximate one side of the first opening, the second housing having a second terminal disposed proximate the other side of the first opening, the first opening being receptive of a jumper power conductor for providing electrical communication between the first and second terminals; and

a neutral bus having a first end at the first housing, a second end at the second housing, and disposed passing through the second opening;

wherein the first housing is adapted to receive an electrical supply wire having a supply path and a return neutral path, the first opening is adapted to receive the supply path, and the second opening is adapted to receive the return neutral path.

12. (original) The service entrance of Claim 11, further comprising:

a terminal block disposed at the first housing and adapted to receive the supply path but not the return neutral path;

a first receptacle disposed at the second housing for receiving an electric meter, the first receptacle arranged for electrical communication with the terminal block;

a second receptacle disposed at the second housing for receiving a load circuit disconnect, the second receptacle arranged for electrical communication with the first receptacle.

13. (original) The service entrance of Claim 12, further comprising:

a main circuit disconnect disposed at the second housing and electrically connected between the first receptacle and the second receptacle; and

a service neutral connector disposed at the second housing and electrically connected with the neutral bus.

14. (original) The service entrance of Claim 13, wherein:

the first receptacle is disposed below the first opening;

the main circuit disconnect is disposed below the first receptacle;

the second receptacle is disposed below the main circuit disconnect; and

the service neutral connector is disposed below the second receptacle.

15. (original) The service entrance of Claim 14, wherein:
the second housing is arranged in a rain-tight fashion with respect to the first housing.

16. (original) The service entrance of Claim 11, further comprising:
a service neutral connector electrically connected with the second end of the neutral bus;
wherein the service neutral connector is adapted to electrically connect with a return neutral wire from a load branch circuit; and
wherein the neutral bus provides a direct electrical connection between the return neutral wire from the load branch circuit and the return neutral path of the electrical supply wire.

17. (new) A service entrance, comprising:
a first section adapted to receive an electrical supply wire, the first section having a first opening and a second opening, and a first terminal disposed proximate the first opening; and
a second section capable of being attached to the first section, the second section having a third opening and a fourth opening, wherein the third opening is disposed to juxtapose the first opening and the fourth opening is disposed to juxtapose the second opening, the second section further having a second terminal disposed proximate the third opening;
wherein the first and third openings are receptive of a jumper power conductor for providing electrical communication between the first and second terminals; and
wherein the second and fourth openings are receptive of a neutral bus such that a first end of the neutral bus is disposed at the first section, and a second end of the neutral bus is disposed at the second section.